

Subject Index

17 β -estradiol (E2), 68-75

A

acid treatment, 52-9
acoustical method, 79-88
adsorption, 248-53
andisol, 374-9
arsenic, 44-51, 311-9

B

background, 32-43
barium, 165-75
benthos, 52-9
biogenic gas, 127-32
bioremediation, 287-95
bioventing, 374-9
boron, 304-10
buoyancy-induced movement, 127-32

C

Ca, 119-26
cadmium transport, 60-7
calcium carbonates, 89-97
capping, 232-9, 248-53, 343-52
cement stabilization, 311-9
chromate, 165-75
 contamination, 145-54
 remediation, 145-54
citric acid, 60-7
clay, 176-88
 barrier, 135-44
 deposits, 98-105, 106-18
coagulation, 232-9
confined disposal facility, 330-42
confined swell tests, 155-64
consolidation, 98-105, 343-52
 parameters, 106-18
 yield stress, 89-97
contaminants, 274-86, 304-10
 transport, 210-22
 sediments, 200-9, 240-7, 287-95
 soil, 145-54
continuous flow tests, 200-9
COPR, 145-54, 155-64, 165-75

D

decontamination, 60-7
desorption, 225-31
DGGE, 287-95
dielectric constant, 11-8
dioxins, 287-95
discrete bubbles, 127-32
dispersion coefficient, 296-303
dispersivity, 296-303
dissolved organic carbon, 176-88
dredge sediments, 225-31
dredged materials, 32-43, 330-42, 343-52
dual-equilibrium, 225-31

E

earth dam, 353-73
electrical resistivity, 11-8
electrokinetics, 254-67, 268-73, 274-86
electroosmosis, 268-73
electrophoresis, 268-73
embankment, 353-73
enclosed sea, 32-43, 68-75, 320-9
environmental impact assessment, 330-42
estrogenlike compounds, 68-75
estrone (E1), 68-75
ettringite, 155-64, 165-75
eutrophication, 232-9, 320-9

F

filtration, 320-9
fluoride, 304-10

G

groundwater, 44-51

H

hazardous waste, 145-54
heaving, 155-64, 165-75
heavy metals, 32-43, 135-44, 176-88, 200-9, 232-9, 254-67, 320-9
hexavalent chromium, 165-75

I

ignition loss, 32-43
improvement soil, 353-73

L

laboratory tests, 240-7, 343-52
land use, 189-99
landfill, 176-88
leaching, 311-9
lead, 135-44

M

marine clay, 135-44
marine sediment, 79-88
mechanisms, 210-22
Mekong River, 3-10
microorganism, 374-9
microstructure, 98-105
model, 225-31
MODFLOW, 44-51
mud, 52-9, 353-73

N

Na, 119-26
natural attenuation, 210-22
nutrient release, 240-7

O

oedometer test, 106-18
Osaka-Bay Pleistocene clay, 89-97
ozone, 225-31

P

PAHs, 3-10, 254-67
PCR, 287-95
petroleum hydrocarbons, 225-31
pH, 52-9, 119-26, 176-88
phosphorous, 232-9
phytoremediation, 304-10
plant, 304-10
pollution barrier, 296-303
porosity, 79-88
protocols, 210-22

R

RCRA, 145-54
reactive, 248-53
reclamation, 89-99

redox reaction, 176-88
reflection, 79-88
remediation, 225-31, 254-67, 274-86
rhamnolipid, 200-9

S

salt, 135-44
salt concentration, 52-9
sample disturbance, 98-105
sand capping, 240-7
sands, 225-31
saturated hydraulic conductivity, 119-26
seawater quality, 19-31
sedimentation, 274-86
sediments, 19-31, 32-43, 119-26, 127-32, 189-99, 210-22, 254-67, 274-86
selective sequential extraction, 200-9
sequestration, 248-53
settlement, 268-73
shear strength, 343-52
size effect, 106-18
sludge, 311-9
slurry, 268-73
soil classification, 145-54
soluble complex, 60-7
sorption, 135-44
strength, 98-105
subsurface contamination, 11-8
sulfate, 155-64
sulfide content, 52-9
suspended solids, 19-31, 320-9
synthetic zeolite, 296-303

T

TBT, 19-31
Tokyo Bay, 240-7
total organic carbon (TOC), 68-75
trace metals, 19-31, 189-99
traffic, 189-99
transition layer, 79-88

V

volatilisation, 374-9
volcanic ash soil, 60-7

W

waste, 268-73
watershed, 189-99